

measuring a thickness of the resin film at the exposed region and a thickness of the resin film at a non-exposed region which is adjacent to the exposed region;

calculating a difference ΔT_r in thickness of the resin film between the exposed region and the non-exposed region; and

controlling a temperature of the heat source of the heating apparatus on the basis of the difference ΔT_r calculated and a before-hand obtained interrelation between the difference ΔT_r and the temperature of the heat source.

25 (New). A method of controlling a heating apparatus according to claim 1, wherein a plurality of the exposed regions are formed on the resin film.

26 (New). A method of controlling a heating apparatus according to claim 1, wherein the exposed region is positioned substantially just above the heat source of the heating apparatus.

27 (New). A method of controlling a heating apparatus according to claim 1, wherein the irradiation amount D is an irradiation amount where a change amount $\partial \Delta T_r / \partial T$ of the difference ΔT_r with regard to the temperature is maximum or locally maximum.--

IN THE DRAWINGS:

Please amend the drawings as indicated in the concurrently filed Request for Approval of Drawing Change and Submission of Formal Drawings.

REMARKS

By this Preliminary Amendment, Applicants have canceled claims 1-23 without prejudice or disclaimer of the subject matter contained therein as indicated on the U.S.